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55694 7590 11/21/2006

DRINKER BIDDLE & REATH (DC)
 1500 K STREET, N.W.
 SUITE 1100
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(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,780	10/17/2003	Akinori Ohkubo	041514-5311	7707

TITLE OF INVENTION: ~~TIKT ANGLE DETECTION DEVICE AND METHOD~~

TIKT ANGLE DETECTION DEVICE AND METHOD UTILIZING PATTERN IDENTIFICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/21/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
PATEL, GAUTAM	2627	369-044320

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list <input type="checkbox"/> (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, <input type="checkbox"/> (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. DRINKER BIDDLE & 2. REATH LLP 3. _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
 PIONEER CORPORATION

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
 TOKYO, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies -4-

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A check is enclosed.
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 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-0573 (enclose an extra copy of this form). Any

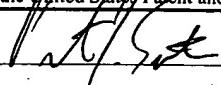
5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

Deficiencies

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature 

Typed or printed name Peter J. Sistare

Date February 15, 2007
 01 FC:1501 1400.00 0P
 02 FC:1504 48,183 300.00 0P
 03 FC:6601 12.00 0P

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